

INTERNATIONAL SEARCH REPORT

International Application No

WI/IB2004/002475

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/095 B01D61/14 C12R1/36 C07K16/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K B01D C12R C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/059444 A1 (SHOEMAKER DAVID R ET AL) 27 March 2003 (2003-03-27) paragraphs '0040!, '0051! - '0056!, '0060!; claims; example 4	1,2,6-22
X	US 6 476 201 B1 (LOWELL GEORGE H ET AL) 5 November 2002 (2002-11-05) column 3, line 14 - column 4, line 47; claims 1-3,15-17; examples 2,3	1-13, 17-22
X	US 5 747 653 A (HUERGO CONCEPCION CAMPA ET AL) 5 May 1998 (1998-05-05) claims 1,6	1,17-22

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

8 document member of the same patent family

Date of the actual completion of the International search

18 November 2004

Date of mailing of the International search report

26/11/2004

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: ²³
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 8.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

International Application No

PCT/IB2004/002475

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003059444	A1	27-03-2003	NONE
US 6476201	B1	05-11-2002	US 2002164357 A1 07-11-2002
		AT 261313 T	15-03-2004
		AU 7113196 A	09-04-1997
		BR 9610484 A	11-09-2001
		CA 2232410 A1	27-03-1997
		CN 1211192 A	17-03-1999
		CZ 9800819 A3	14-10-1998
		DE 69631835 D1	15-04-2004
		DK 854729 T3	12-07-2004
		EA 980208 A1	29-10-1998
		EP 0854729 A1	29-07-1998
		HU 9901577 A2	30-08-1999
		IL 123720 A	10-02-2002
		JP 2000507913 T	27-06-2000
		JP 2004099619 A	02-04-2004
		NO 981189 A	14-05-1998
		PL 325604 A1	03-08-1998
		PT 854729 T	31-08-2004
		WO 9710844 A1	27-03-1997
US 5747653	A	05-05-1998	US 5597572 A 28-01-1997
		AT 122893 T	15-06-1995
		AU 615461 B2	03-10-1991
		AU 2031288 A	25-05-1989
		AU 5319794 A	24-03-1994
		AU 706213 B2	10-06-1999
		AU 7422696 A	20-02-1997
		AU 8134991 A	31-10-1991
		CA 1341199 C	06-03-2001
		DE 3853854 D1	29-06-1995
		DE 3853854 T2	08-02-1996
		EP 0301992 A2	01-02-1989
		ES 2074445 T3	16-09-1995
		GR 3017218 T3	30-11-1995
		IN 167607 A1	24-11-1990
		JP 1125328 A	17-05-1989
		RU 2023448 C1	30-11-1994